

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number
WO 2004/057580 A2

(51) International Patent Classification⁷:

G11B

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(21) International Application Number:

PCT/US2003/040479

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:

17 December 2003 (17.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/434,310

17 December 2002 (17.12.2002)

US

(84) Designated States (*regional*): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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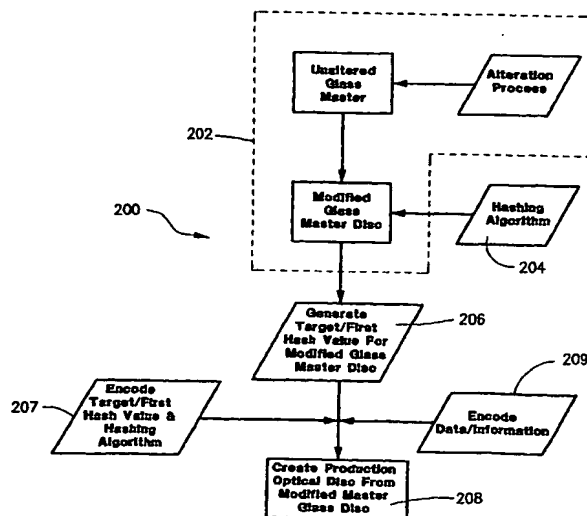
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Published:

— without international search report and to be republished
upon receipt of that report

[Continued on next page]

(54) Title: COPY PROTECTED OPTICAL MEDIA STORAGE DEVICE, ALONG WITH METHODOLOGIES FOR MANUFACTURING AND AUTHENTICATING THE SAME



(57) Abstract: An optical media storage device comprises a substrate, a metallic reflective layer and a protective layer. The substrate includes an anomaly region configured to generate one or more errors when read by an optical reader, a fingerprint region corresponding to a target hash value obtained when the anomaly region is applied as an input to a hashing algorithm, and a program region corresponding to an executable application program incorporating the hashing algorithm. When the device is read by the optical reader, the hashing algorithm is executed against the anomaly region to generate a test hash value for comparison with the target hash value. Methods for manufacturing a copy protected optical media and for assessing authenticity of the same are also provided.

WO 04/057580 A2



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